

PATNO IS 5968560

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LIBRARY: PATENT
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Your search request is:
PATNO IS 5968560

Number of PATENTS found with your search request through:
LEVEL 1... 1

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To DISPLAY this PATENT press either the KWIC, FULL, CITE or SEGMENTS key.
To MODIFY your search request, press the M key (for MODIFY) and then the ENTER key.

For further explanation, press the H key (for HELP) and then the ENTER key.

1. 5,968,560, Oct. 19, 1999, Blow molding device for producing thermoplastic containers, Briere, Dominique, Le Havre, France Coisy, Leon, Saint Martin du Manoir, France La Barre, Paul, Sainte Adresse, France Santais, Pascal, Le Havre, France, Sidel, Le Havre, France (03)

CORE TERMS: shell, holder, half-mold, mold, container, impression, carrier, parting, mating, molding...

5,968,560

<=2> GET 1st DRAWING SHEET OF 3

Oct. 19, 1999

Blow molding device for producing thermoplastic containers

REISSUE: Reissue Application filed Apr. 20, 2000 (O.G. Dec. 19, 2000) Ex. Gp.: 1722; Re. S.N. 09/553,413

Reissue Application filed Apr. 20, 2000 (O.G. Oct. 31, 2000) Ex. Gp.: 1722; Re. S.N. 09/553,413

CORE TERMS: shell, holder, half-mold, mold, container, impression, carrier, parting, mating, molding...

5,968,560 OR 5968560

Your search request has found no CASES.

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QUESTEL.ORBIT

?file lgst

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Search statement 1

?/pn us5968560

** SS 1: Results 1

Search statement 2

?prt pset 1

1/1 LGST - (C) LEGSTAT

Patent Number	-US 5968560	[US5968560]
Application Number	-US 945089/97	19971017 [1997US-0945089]
Document Type	-US-P	
Action Taken	-19971017	US/AE-A
	APPLICATION DATA (PATENT)	
	{US 945089/97	19971017 [1997US-0945089]}
	-19991019	US/A
	PATENT	
	-20001031	US/RF
	REISSUE APPLICATION FILED	
	20000420	
	-20001219	US/RF
	REISSUE APPLICATION FILED	
	20000420	
Update Code	-2001-02	

Continue: Y / N

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Search statement 2

?file lita

Selected file: LITA

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Search statement 1

?nbr /pn us5968560

1	1	US5967998
2	1	US5968120
3	4	US5968505
4	1	US5968507
5	1	US5968510
6	4	US5968567
7	1	US5969905
8	1	US5970628
9	2	US5970657
10	5	US5970856
11	2	US5971148
12	2	US5971188
13	1	US5971189
14	1	US5972018
15	1	US5972619

no citations for '560 in LITALERT

Some: numbers / Continue: Y / None: N

?file past

Selected file: PAST

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Covers 1973 thru weekly update (2001-04)
Information on technical content of this file, see INFO PAST
Producer info : due to reload of the data, next update will be
available end of january.

Search statement 1

?nbr /pn us5968560

1	1	US5968527
2	1	US5968528
3	1	US5968540
4	1	US5968543
5	2	US5968560
6	1	US5968579
7	1	US5968596
8	1	US5968601
9	1	US5968605
10	1	US5968612
11	1	US5968630
12	1	US5968648
13	1	US5968654
14	1	US5968662
15	1	US5968678

Some: numbers / Continue: Y / None: N

?5

** SS 1: Results 2

Continue: Y / N

?prt pset 1 1-2

1/2 PAST - (C) PAST

Accession Number -200051-001111

Patent Number -5968560 A [US5968560]

Official Gazette Dat-2000-12-19

Actions -REISSUE APPLICATION FILED

2/2 PAST - (C) PAST

Accession Number -200044-001055

Patent Number -5968560 A [US5968560]

Official Gazette Dat-2000-10-31

Actions -REISSUE APPLICATION FILED

File 345:Inpadoc/Fam.& Legal Stat 1968-2000/UD=200104
(c) 2001 EPO

Set	Items	Description
S1	1	PN=US 5968560

1/9/1

DIALOG(R)File 345:Inpadoc/Fam.& Legal Stat
(c) 2001 EPO. All rts. reserv.

16380774

Basic Patent (No,Kind,Date): CA 2218397 AA 19961024 <No. of Patents: 015>

PATENT FAMILY:

AUSTRIA (AT)

Patent (No,Kind,Date): AT 195094 E 20000815

VORRICHTUNG ZUR HERSTELLUNG VON KUNSTSTOFF- BEHAELTERN DURCH BLASFORMEN
ODER STRECKBLASFORMEN (German)

Patent Assignee: SIDEL SA (FR)

Author (Inventor): BRIERE DOMINIQUE (FR); COISY LEON (FR); LA BARRE
PAUL (FR); SANTAIS PASCAL (FR)

Priority (No,Kind,Date): FR 954651 A 19950419; WO 96FR576 W
19960416

Applic (No,Kind,Date): EP 96913595 A 19960416

Addnl Info: 821641 20000802

IPC: * B29C-033/30; B29C-049/48

Derwent WPI Acc No: * C 96-485629

Language of Document: German

AUSTRIA (AT)

Legal Status (No,Type,Date,Code,Text):

AT 195094 R 20000815 AT REF CORRESPONDS TO EP-PATENT
(ENTSPRICHT EP-PATENT)

EP 821641 P 20000802

AT 195094 R 20010115 AT UEP PUBLICATION OF TRANSLATION
OF EUROPEAN PATENT SPECIFICATION
(UEBERSETZUNG DER EUROPAEISCHEN PATENTSCHRIFT
AUSGEGEBEN)

AUSTRALIA (AU)

Patent (No,Kind,Date): AU 9656529 A1 19961107

DEVICE FOR PRODUCING THERMOPLASTIC CONTAINERS BY A BLOW-MOUL DING OR
STRETCH BLOW-MOULding PROCESS (English)

Patent Assignee: SIDEL SA

Author (Inventor): BRIERE DOMINIQUE; COISY LEON; BARRE PAUL LA;
SANTAIS PASCAL

Priority (No,Kind,Date): FR 954651 A 19950419; WO 96FR576 W
19960416

Applic (No,Kind,Date): AU 9656529 A 19960416

IPC: * B29C-033/30; B29C-049/48

Derwent WPI Acc No: * C 96-485629

Language of Document: English

Patent (No,Kind,Date): AU 707275 B2 19990708

DEVICE FOR PRODUCING THERMOPLASTIC CONTAINERS BY A BLOW-MOULding OR
STRETCH BLOW-MOULding PROCESS (English)

Patent Assignee: SIDEL SA

Author (Inventor): BRIERE DOMINIQUE; COISY LEON; BARRE PAUL LA;
SANTAIS PASCAL

Priority (No,Kind,Date): FR 954651 A 19950419; WO 96FR576 W
19960416

Applic (No,Kind,Date): AU 9656529 A 19960416
IPC: * B29C-033/30; B29C-049/48
Derwent WPI Acc No: * C 96-485629
Language of Document: English

BRAZIL (BR)

Patent (No,Kind,Date): BR 9604899 A 19980714
DISPOSITIVO PARA FABRICAR RECIPIENTES EM UMA MATERIA TERMOPLASTICA POR
SOPRO OU ESTIRAMENTO-SOPRO (Portugese)
Patent Assignee: SIDEL SA (FR)
Author (Inventor): LA BARRE PAUL; COISY LEON; BRIERE DOMINIQUE;
SANTAIS PASCAL
Priority (No,Kind,Date): FR 954651 A 19950419; WO 96FR576 W
19960416
Applic (No,Kind,Date): BR 96U4899 A 19960416
IPC: * B29C-033/30; B29C-049/48
Derwent WPI Acc No: * C 96-485629
Language of Document: Portugese

CANADA (CA)

Patent (No,Kind,Date): CA 2218397 AA 19961024
DEVICE FOR PRODUCING THERMOPLASTIC CONTAINERS BY A BLOW-MOULDING OR
STRETCH BLOW-MOULDING PROCESS (English; French)
Patent Assignee: SIDEL SA (FR)
Author (Inventor): COISY LEON (FR); LA BARRE PAUL (FR); BRIERE
DOMINIQUE (FR); SANTAIS PASCAL (FR)
Priority (No,Kind,Date): FR 954651 A 19950419
Applic (No,Kind,Date): CA 2218397 A 19960416
IPC: * B29C-049/48
Derwent WPI Acc No: * C 96-485629
Language of Document: French

CANADA (CA)

Legal Status (No,Type,Date,Code,Text):
CA 2218397 P 19971016 CA REFW CORRESPONDS TO PCT
APPLICATION (ENTSPRICHT PCT ANMELDUNG)
WO 9633059 P

CHINA (CN)

Patent (No,Kind,Date): CN 1182384 A 19980520
DEVICE FOR PRODUCING THERMOPLASTIC CONTAINERS BY BLOW-MOULDING OR
STRETCH BLOW-MOULDING PROCESS (English)
Patent Assignee: SIDEL SA (FR)
Author (Inventor): BRIERE DOMINIQUE (FR); COISY LEON (FR); BARRE
PAUL LA (FR)
Priority (No,Kind,Date): FR 954651 A 19950419
Applic (No,Kind,Date): CN 96193391 A 19960416
IPC: * B29C-033/30; B29C-049/48
Derwent WPI Acc No: * C 96-485629
Language of Document: Chinese

GERMANY (DE)

Patent (No,Kind,Date): DE 69609605 CO 20000907
VORRICHTUNG ZUR HERSTELLUNG VON KUNSTSTOFF-BEHAEELTERN DURCH BLASFORMEN
ODER STRECKBLASFORMEN (German)
Patent Assignee: SIDEL LE HAVRE (FR)
Author (Inventor): BRIERE DOMINIQUE (FR); COISY LEON (FR); LA BARRE
PAUL (FR); SANTAIS PASCAL (FR)
Priority (No,Kind,Date): FR 954651 A 19950419; WO 96FR576 W
19960416

Applic (No,Kind,Date): DE 69609605 A 19960416
IPC: * B29C-033/30; B29C-049/48
Derwent WPI Acc No: * C 96-485629
Language of Document: German

GERMANY (DE)

Legal Status (No,Type,Date,Code,Text):
DE 69609605 P 20000907 DE REF CORRESPONDS TO (ENTSPRICHT)

EP 821641 P 20000907

EUROPEAN PATENT OFFICE (EP)

Patent (No,Kind,Date): EP 821641 A1 19980204
DEVICE FOR PRODUCING THERMOPLASTIC CONTAINERS BY A BLOW-MOULDING OR
STRETCH BLOW-MOULDING PROCESS (English; French; German)

Patent Assignee: SIDEL SA (FR)

Author (Inventor): BRIERE DOMINIQUE (FR); COISY LEON (FR); LA BARRE
PAUL (FR); SANTAIS PASCAL (FR)

Priority (No,Kind,Date): WO 96FR576 W 19960416; FR 954651 A
19950419

Applic (No,Kind,Date): EP 96913595 A 19960416

Designated States: (National) AT; BE; CH; DE; DK; ES; FI; FR; GB; GR;
IE; IT; LI; LU; MC; NL; PT; SE

IPC: * B29C-033/30; B29C-049/48

Derwent WPI Acc No: * C 96-485629

Language of Document: French

Patent (No,Kind,Date): EP 821641 B1 20000802

DEVICE FOR PRODUCING THERMOPLASTIC CONTAINERS BY A BLOW-MOULDING OR
STRETCH BLOW-MOULDING PROCESS (English; French; German)

Patent Assignee: SIDEL SA (FR)

Author (Inventor): BRIERE DOMINIQUE (FR); COISY LEON (FR); LA BARRE
PAUL (FR); SANTAIS PASCAL (FR)

Priority (No,Kind,Date): WO 96FR576 W 19960416; FR 954651 A
19950419

Applic (No,Kind,Date): EP 96913595 A 19960416

Designated States: (National) AT; BE; CH; DE; DK; ES; FI; FR; GB; GR;
IE; IT; LI; LU; MC; NL; PT; SE

IPC: * B29C-033/30; B29C-049/48

Derwent WPI Acc No: * C 96-485629

Language of Document: French

EUROPEAN PATENT OFFICE (EP)

Legal Status (No,Type,Date,Code,Text):
EP 821641 P 19950419 EP AA PRIORITY (PATENT
APPLICATION) (PRIORITAET (PATENTANMELDUNG))

FR 954651 A 19950419
EP 821641 P 19960416 EP AA PCT-APPLICATION
(PCT-ANMELDUNG)

WO 96FR576 W 19960416
EP 821641 P 19960416 EP AE EP-APPLICATION
(EUROPAEISCHE ANMELDUNG)

EP 96913595 A 19960416
EP 821641 P 19980204 EP AK DESIGNATED CONTRACTING
STATES IN AN APPLICATION WITH SEARCH REPORT:
(IN EINER ANMELDUNG BENANNTE VERTRAGSSTAATEN)

AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC
NL PT SE

EP 821641 P 19980204 EP A1 PUBLICATION OF APPLICATION

WITH SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG MIT RECHERCHENBERICHT)

EP 821641	P	19980204	EP 17P	REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 971010
EP 821641	P	19991013	EP 17Q	FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHEID) 19990831
EP 821641	P	20000802	EP AK	DESIGNATED CONTRACTING STATES MENTIONED IN A PATENT SPECIFICATION: (IN EINER PATENTSCHRIFT ANGEFUEHRTE BENANNTE VERTRAGSSTAATEN) AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE
EP 821641	P	20000802	EP B1	PATENT SPECIFICATION (PATENTSCHRIFT)
EP 821641	P	20000802	EP REF	IN AUSTRIA REGISTERED AS: (IN AT EINGETRAGEN ALS:) AT 195094 R 20000815
EP 821641	P	20000815	CH EP/REG	ENTRY IN THE NATIONAL PHASE (EINTRITT IN DIE NATIONALE PHASE)
EP 821641	P	20000906	IE FG4D/REG	EUROPEAN PATENTS GRANTED DESIGNATING IRELAND French
EP 821641	P	20000907	EP REF	CORRESPONDS TO: (ENTSPRICHT) DE 69609605 P 20000907
EP 821641	P	20000929	CH NV/REG	NEW AGENT (NEUER VERTRETER/NOUVEAUX MANDATAIRES/NUOVI MANDATARI) A. BRAUN, BRAUN, HERITIER, ESCHMANN AG PATENTANWAELTE
EP 821641	P	20001025	EP GBT	GB: TRANSLATION OF EP PATENT FILED (GB SECTION 77(6)(A)/1977) (GB: TRANSLATION OF EP PATENT FILED (GB SECT. 77(6)(A)/1977)) 20000929
EP 821641	P	20001101	ES FG2A/REG	DEFINITIVE PROTECTION (PROTECCION DEFINITIVA) 2149470T3
EP 821641	P	20001211	DK T3/REG	TRANSLATION OF EP PATENT

SPAIN (ES)

Patent (No,Kind,Date): ES 2149470 T3 20001101
DISPOSITIVO PARA FABRICAR RECIPIENTES DE UN MATERIAL TERMOPLASTICO POR
SOPLADO O ESTIRADO-SOPLADO. (Spanish)
Patent Assignee: SIDEL SA
Author (Inventor): BRIERE DOMINIQUE (FR); COISY LEON (FR); LA BARRE
PAUL (FR); SANTAIS PASCAL (FR)
Priority (No,Kind,Date): FR 954651 A 19950419
Applic (No,Kind,Date): ES 96913595 EP 19960416
Addnl Info: 821641 EP patent valid in AT
IPC: * B29C-033/30; B29C-049/48
Derwent WPI Acc No: * C 96-485629
Language of Document: Spanish

SPAIN (ES)

Legal Status (No,Type,Date,Code,Text):
ES 2149470 P 20001101 ES FG2A DEFINITIVE PROTECTION
(PROTECCION DEFINITIVA)

FRANCE (FR)

Patent (No,Kind,Date): FR 2733176 A1 19961025
 DISPOSITIF POUR FABRIQUER DES RECIPIENTS EN UNE MATIERE THERMOPLASTIQUE
 PAR SOUFFLAGE OU ETIRAGE-SOUFFLAGE (French)
 Patent Assignee: SIDEL SA (FR)
 Author (Inventor): BRIERE DOMINIQUE; COISY LEON; LA BARRE PAUL;
 SANTAIS PASCAL
 Priority (No,Kind,Date): FR 954651 A 19950419
 Applic (No,Kind,Date): FR 954651 A 19950419
 IPC: * B29C-049/56; B29C-033/20
 Language of Document: French

Patent (No,Kind,Date): FR 2733176 B1 19970627
 DISPOSITIF POUR FABRIQUER DES RECIPIENTS EN UNE MATIERE THERMOPLASTIQUE
 PAR SOUFFLAGE OU ETIRAGE-SOUFFLAGE (French)
 Patent Assignee: SIDEL SA (FR)
 Author (Inventor): BRIERE DOMINIQUE; COISY LEON; LA BARRE PAUL;
 SANTAIS PASCAL
 Priority (No,Kind,Date): FR 954651 A 19950419
 Applic (No,Kind,Date): FR 954651 A 19950419
 IPC: * B29C-049/56; B29C-033/20
 Derwent WPI Acc No: * C 96-485629
 Language of Document: French

FRANCE (FR)

Legal Status (No,Type,Date,Code,Text):
 FR 9504651 AN 19961025 FR AGA FIRST PUBLICATION OF
 APPLICATION (DELIVRANCE (PREM. PUB. DEMANDE
 DE BREVET))
 FR 2733176 A1 19961025
 FR 9504651 AN 19970627 FR AGA SECOND PUBLICATION OF PATENT
 (DELIVRANCE (DEUX. PUB. BREVET))
 FR 2733176 B1 19970627
 FR 2733176 PN 19950419 FR AE APPLICATION DATE (DATE DE
 LA DEMANDE)
 FR 954651 A 19950419

JAPAN (JP)

Patent (No,Kind,Date): JP 11504580 T2 19990427
 Priority (No,Kind,Date): WO 96FR576 W 19960416; FR 954651 A
 19950419
 Applic (No,Kind,Date): JP 96531511 A 19960416
 IPC: * B29C-049/48; B29C-033/30; B29C-049/56
 Derwent WPI Acc No: * C 96-485629
 Language of Document: Japanese

UNITED STATES OF AMERICA (US)

Patent (No,Kind,Date): US 5968560 A 19991019
 BLOW MOLDING DEVICE FOR PRODUCING THERMOPLASTIC CONTAINERS (English)
 Patent Assignee: SIDEL SA (FR)
 Author (Inventor): BRIERE DOMINIQUE (FR); COISY LEON (FR); LA BARRE
 PAUL (FR); SANTAIS PASCAL (FR)
 Priority (No,Kind,Date): FR 954651 A 19950419; WO 96FR576 W
 19960416
 Applic (No,Kind,Date): US 945089 A 19971017
 National Class: * 425192000R; 425195000; 425522000; 425541000;
 249102000
 IPC: * B29C-049/56; B29C-033/30
 Derwent WPI Acc No: * C 96-485629

Language of Document: English

UNITED STATES OF AMERICA (US)

Legal Status (No,Type,Date,Code,Text):

US 97945089	A	19971017	US REFW	CORRESPONDS TO PCT
			APPLICATION	(ENTSPRICHT PCT ANMELDUNG)
			WO 9633059	P
US 5968560	P	19950419	US AA	PRIORITY (PATENT)
			FR 954651	A 19950419
US 5968560	P	19960416	US AA	PCT-APPLICATION (PCT-APPL.)
			WO 96FR576	W 19960416
US 5968560	P	19971017	US AE	APPLICATION DATA (PATENT)
			(APPL. DATA (PATENT))	
			US 945089	A 19971017
US 5968560	P	19991019	US A	PATENT
US 5968560	P	20001031	US RF	REISSUE APPLICATION FILED
			(REISSUE APPL. FILED)	
			20000420	
US 5968560	P	20001219	US RF	REISSUE APPLICATION FILED
			(REISSUE APPL. FILED)	
			20000420	

WORLD INTELLECTUAL PROPERTY ORGANIZATION, PCT (WO)

Patent (No,Kind,Date): WO 9633059 A1 19961024

DEVICE FOR PRODUCING THERMOPLASTIC CONTAINERS BY A BLOW-MOULDING OR
STRETCH BLOW-MOULDING PROCESS DEVICE FOR PRODUCING THERMOPLASTIC
CONTAINERS BY A BLOW-MOULDING OR STRETCH BLOW-MOULDING PROCESS
(English)

Patent Assignee: SIDEL SA (FR); BRIERE DOMINIQUE (FR); COISY LEON
(FR); BARRE PAUL (FR); SANTAIS PASCAL (FR)

Author (Inventor): BRIERE DOMINIQUE (FR); COISY LEON (FR); LA BARRE
PAUL (FR); SANTAIS PASCAL (FR)

Priority (No,Kind,Date): FR 954651 A 19950419

Applic (No,Kind,Date): WO 96FR576 A 19960416

Designated States: (National) AU; BR; CA; CN; JP; KR; MX; US
(Regional) AT; BE; CH; DE; DK; ES; FI; FR; GB; GR; IE; IT; LU; MC; NL
; PT; SE

Filing Details: WO 100000 With international search report

IPC: * B29C-033/30; B29C-049/48

Derwent WPI Acc No: * C 96-485629; C 96-485629

Language of Document: French

WORLD INTELLECTUAL PROPERTY ORGANIZATION, PCT (WO)

Legal Status (No,Type,Date,Code,Text):

WO 9633059	P	19950419	WO AA	PRIORITY (PATENT)
			FR 954651	A 19950419
WO 9633059	P	19960416	WO AE	APPLICATION DATA (APPL.
			DATA)	
			WO 96FR576	A 19960416
WO 9633059	P	19961024	WO AK	DESIGNATED STATES CITED IN A
			PUBLISHED APPLICATION WITH SEARCH REPORT	
			(DESIGNATED STATES CITED IN A PUBLISHED APPL.	
			WITH SEARCH REPORT)	
			AU BR CA CN JP KR MX US	
WO 9633059	P	19961024	WO AL	DESIGNATED COUNTRIES FOR
			REGIONAL PATENTS CITED IN A PUBLISHED	
			APPLICATION WITH SEARCH REPORT (DESIGNATED	
			COUNTRIES FOR REGIONAL PATENTS CITED IN A	
			PUBLISHED APPL. WITH SEARCH REPORT)	

AT BE CH DE DK ES FI FR GB GR IE IT LU MC N
PT SE

WO 9633059

P 19961024 WO A1 PUBLICATION OF THE
INTERNATIONAL APPLICATION WITH THE
INTERNATIONAL SEARCH REPORT (PUB. OF THE
INTERNATIONAL APPL. WITH THE INTERNATIONAL
SEARCH REPORT)

WO 9633059

P 19961121 WO DFPE REQUEST FOR PRELIMINARY
EXAMINATION FILED PRIOR TO EXPIRATION OF 19TH
MONTH FROM PRIORITY DATE

WO 9633059

P 19970122 WO 121 EP: PCT APP. ART. 158 (1)
(EP: PCT ANM. ART. 158 (1))

WO 9633059

P 19971016 WO ENP ENTRY INTO THE NATIONAL
PHASE IN:
CA 2218397 AA

WO 9633059

P 19971017 WO ENP ENTRY INTO THE NATIONAL
PHASE IN:
JP 96531511 A

WO 9633059

P 19971017 WO ENP ENTRY INTO THE NATIONAL
PHASE IN:
US 945089 A 19971017